

**In the specification:**

Amend paragraph [0012] to read as follows:

[0012] Dynamic element matching (DEM) techniques have been used to suppress DAC error in oversampling systems. However, conventional approaches generally produce either white noise or a high pass profiles DAC error.

Amend paragraph [0014] to read as follows:

[0014] A first class of algorithms to improve spurious free dynamic range (SFDR) is random averaging (see FIG. 2 for an example). Random averaging involves randomly assigning elements from all available elements for each individual digital input to the DAC. As a result, DAC error is averaged out throughout the bandwidth and the error is converted to resemble white noise, as shown in the error distribution graph of FIG. 2.